

TABLE 77

**Federal obligations for research, by agency: FYs 2013–22**

(Dollars in millions)

Agency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (preliminary)
All agencies	59,533	63,191	63,825	67,105	69,871	74,588	81,118	85,305	86,244	88,464
Departments										
Department of Agriculture	1,868	2,060	2,128	2,156	2,216	2,257	2,407	2,388	2,661	3,017
Agricultural Marketing Service	2	3	3	3	4	4	4	3	7	7
Agricultural Research Service	913	1,010	1,018	1,030	1,053	1,081	1,163	1,281	1,359	1,439
Animal and Plant Health Inspection Service	18	19	20	20	19	18	19	19	21	23
Economic Research Service	71	78	85	85	86	86	86	82	85	90
Foreign Agricultural Service	1	*	1	*	*	0	0	0	0	0
Forest Service	301	277	260	281	271	254	255	257	233	290
Grain Inspection, Packers, and Stockyards Administration	5	6	6	6	*	na	na	na	na	na
National Agricultural Statistics Service	7	5	5	5	5	5	5	5	5	6
National Institute of Food and Agriculture	546	657	726	721	774	805	871	738	937	1,148
Natural Resources Conservation Service	NA	NA	NA	NA	NA	NA	NA	NA	12	13
Rural Business-Cooperative Service	4	6	4	4	3	4	4	3	0	0
Department of Commerce	1,023	1,277	1,154	1,153	1,302	1,229	1,282	1,361	1,506	1,760
Census Bureau	115	227	41	90	56	56	29	38	56	110
National Institute of Standards and Technology	526	599	631	625	691	676	703	717	784	817
National Oceanic and Atmospheric Administration	375	442	470	428	547	488	542	598	659	826
National Telecommunications and Information Administration	7	10	12	11	8	9	8	8	7	7
Department of Defense	5,955	6,704	6,691	7,152	7,178	7,653	8,268	8,915	9,735	10,377
Defense Advanced Research Projects Agency	1,268	1,536	1,485	1,536	1,509	1,680	1,743	2,006	1,845	1,997
Defense Health Agency	na	NA	NA	NA	NA	NA	NA	164	133	174
Department of the Air Force	1,502	1,574	1,609	1,762	1,713	1,905	2,107	2,249	2,387	2,422
Department of the Army	1,257	1,418	1,390	1,522	1,684	1,689	1,956	1,907	1,914	2,089
Department of the Navy	1,296	1,483	1,465	1,560	1,540	1,549	1,591	1,698	1,654	2,082
Space Force	na	na	na	na	na	na	na	0	98	76
Other defense agencies	633	693	742	771	732	829	871	892	1,704	1,537
Department of Education	202	208	160	163	174	190	189	189	262	293
Department of Energy	7,333	8,092	8,642	9,465	9,584	10,508	11,370	10,525	10,777	10,470
Advanced Research Projects Agency—Energy	92	150	139	172	151	80	202	219	157	225
Bonneville Power Administration	13	7	7	7	9	NA	NA	NA	NA	NA
Electricity Delivery and Energy Reliability	53	65	63	69	80	94	87	78	62	68
Energy Efficiency and Renewable Energy	530	540	473	576	853	1,285	1,270	1,248	1,395	678
Environmental Management	3	16	8	10	10	13	9	7	10	12
Fossil Energy	154	162	199	231	230	662	659	679	691	736
National Nuclear Security Administration	2,404	2,770	2,705	3,210	3,078	2,645	3,670	2,394	2,608	2,527
Defense Programs	2,148	2,519	2,527	3,010	2,881	2,422	3,434	2,155	2,328	2,258
Office of Defense Nuclear Nonproliferation	256	251	178	199	197	223	236	239	280	269
Nuclear Energy	236	296	639	665	688	763	378	392	346	331
Office of Cybersecurity, Energy Security, and Emergency Response	na	na	na	na	na	0	40	37	2	99
Office of Science	3,848	4,085	4,409	4,524	4,485	4,968	5,054	5,470	5,506	5,795
Department of Health and Human Services	29,315	30,587	30,197	32,129	33,677	36,802	38,354	44,234	42,718	42,670
Administration for Children and Families	2	3	2	3	2	3	2	2	5	4
Administration for Community Living	0	0	72	66	66	66	66	71	107	111

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Agency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (preliminary)
Agency for Healthcare Research and Quality	336	335	335	306	300	306	308	308	308	314
Agency for Toxic Substances and Disease Registry	1	1	2	2	3	3	7	10	11	11
Centers for Disease Control and Prevention	334	379	460	494	436	386	366	441	682	649
Centers for Medicare and Medicaid Services	20	34	24	30	29	231	133	224	421	421
Food and Drug Administration	361	389	376	486	375	478	493	464	589	669
Health Resources and Services Administration	27	28	27	26	30	36	33	35	33	38
National Institutes of Health	28,215	29,400	28,880	30,698	32,419	35,276	36,929	42,664	40,546	40,436
Office of the Secretary of Health and Human Services	19	19	18	18	17	17	17	16	17	18
Office of the Assistant Secretary for Planning and Evaluation	19	19	18	18	17	17	17	16	17	18
Department of Homeland Security	141	256	217	208	276	369	280	225	238	316
Coast Guard	7	8	6	7	6	6	6	1	3	2
Countering Weapons of Mass Destruction Office	NA	79	37	38	34	14	31	24	21	31
Cybersecurity and Infrastructure Security Agency	na	na	na	na	na	7	13	7	9	4
Science and Technology Directorate	134	168	173	163	235	342	229	193	204	277
Transportation Security Administration	NA	NA	NA	NA	NA	0	0	0	1	2
Department of Housing and Urban Development	44	36	38	43	41	40	61	NA	NA	NA
Department of the Interior	603	649	680	726	722	650	690	698	754	991
Bureau of Indian Affairs	NA	NA	NA	NA	NA	5	5	*	5	4
Bureau of Land Management	NA	NA	15	17	17	14	14	14	9	11
Bureau of Ocean Energy Management	40	48	44	60	63	66	65	59	63	68
Bureau of Reclamation	8	9	7	19	23	17	17	19	18	22
Bureau of Safety and Environmental Enforcement	15	33	17	24	8	5	8	5	20	16
Fish and Wildlife Service	NA	NA	30	32	33	33	33	33	33	33
Geological Survey	535	546	560	566	569	501	539	558	579	812
National Park Service	6	14	8	8	9	10	10	10	27	27
Office of Surface Mining Reclamation and Enforcement	NA	NA	NA	NA	NA	0	*	1	0	0
Department of Justice	78	142	128	157	87	91	105	85	79	82
Bureau of Prisons	2	2	3	3	2	1	1	2	*	*
Federal Bureau of Investigation	7	0	0	0	0	3	1	5	4	5
Office of Justice Programs	69	140	126	154	85	87	103	78	75	77
Department of Labor	14	11	10	6	5	5	4	5	3	4
Employee Benefits Security Administration	10	7	7	5	3	3	3	3	1	2
Occupational Safety and Health Administration	4	4	3	1	2	2	2	2	2	2
Pension Benefit Guaranty Corp.	*	*	*	*	0	0	NA	NA	NA	NA
Department of State	1	NA	2	2	2	62	62	30	44	47
Department of Transportation	655	653	663	625	696	751	746	900	823	812
Federal Aviation Administration	197	197	207	207	212	195	193	247	267	272
Federal Highway Administration	327	339	273	247	305	420	415	472	373	361
Federal Motor Carrier Safety Administration	7	7	8	10	11	9	8	9	12	15
Federal Railroad Administration	39	30	33	31	34	33	32	35	35	42

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Agency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (preliminary)
Federal Transit Administration	14	8	72	35	55	10	3	40	42	33
National Highway Traffic Safety Administration	65	65	63	87	69	76	76	69	66	50
Office of the Secretary of Transportation	0	4	2	4	3	3	8	12	12	15
Pipeline and Hazardous Materials Safety Administration	2	2	5	5	5	6	11	17	16	24
Research and Innovative Technology Administration	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Department of the Treasury	73	73	73	82	1	38	46	50	47	50
Bureau of Engraving and Printing	9	9	9	16	0	38	46	49	47	50
Internal Revenue Service	65	64	64	65	0	0	0	0	NA	NA
Mint	*	1	*	2	1	0	*	*	*	*
Department of Veterans Affairs	604	553	643	677	669	1,320	1,478	1,536	1,561	1,673
Other agencies										
Administrative Office of the U.S. Courts	NA	NA	NA	7	8	7	6	5	4	1
Agency for Global Media	NA	NA	NA	NA	NA	NA	6	5	5	8
Agency for International Development	125	60	212	148	192	120	172	135	51	51
Appalachian Regional Commission	*	1	*	1	*	1	1	1	1	*
Consumer Product Safety Commission	1	2	2	2	2	1	1	*	*	*
Environmental Protection Agency	446	453	440	430	417	413	405	412	403	406
Federal Communications Commission	5	7	5	5	6	5	2	2	0	0
Federal Trade Commission	3	3	2	3	6	6	6	6	8	9
Library of Congress	1	1	1	1	1	1	1	1	1	*
National Aeronautics and Space Administration	5,422	5,336	5,539	5,613	5,745	5,293	8,111	6,394	7,127	7,598
National Archives and Records Administration	1	1	1	1	1	1	1	0	NA	NA
National Science Foundation	4,956	5,403	5,670	5,589	5,518	5,849	5,996	6,351	6,705	7,036
Nuclear Regulatory Commission	76	85	92	81	67	78	75	68	77	78
Patient-Centered Outcomes Research Trust Fund	334	283	152	115	884	492	578	470	460	481
Postal Service	NA	NA	28	29	73	53	27	18	15	16
RESTORE Act Centers of Excellence Research Grants Program	na	na	na	na	na	na	na	9	0	7
Smithsonian Institution	195	195	196	206	208	228	236	210	63	95
Social Security Administration	57	60	59	129	110	72	146	70	105	99
Tennessee Valley Authority	NA	NA	NA	NA	3	6	6	6	9	13

\* = amount greater than \$0 but less than \$500,000. na = not applicable; agency or subagency did not exist as such or in that organization in that year. NA = not available; data were not collected at that level for that fiscal year.

**Note(s):**

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. FYs 2020, 2021, and 2022 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). See technical table A-2 for additional notes associated with the agencies listed in this table.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.